2-2-3

*D23-45 Resign How.B



THE GUTTA PERCHA AND RUBBER MFG.CO.

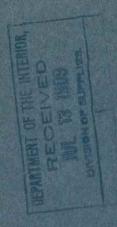
126 & 128 DUANE ST.

NEW YORK

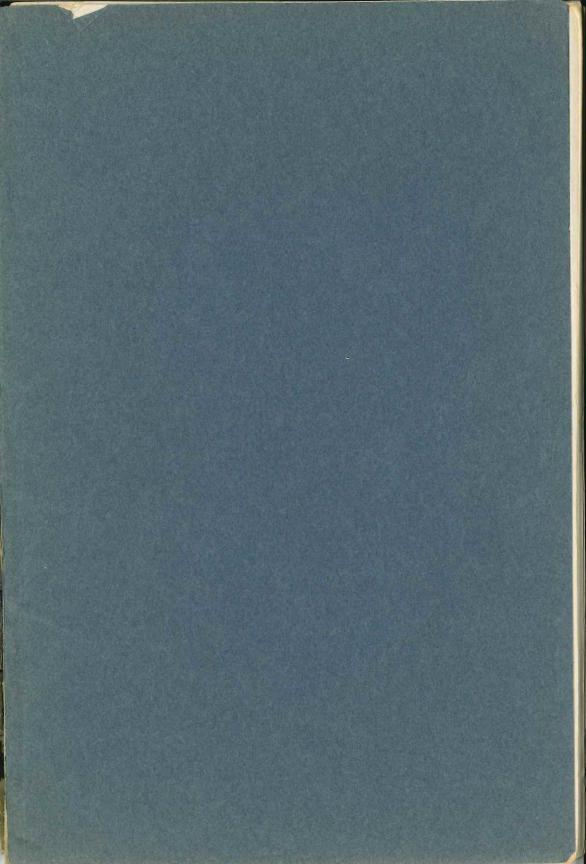
BOSTON CHICAGO SAN FRANCISCO

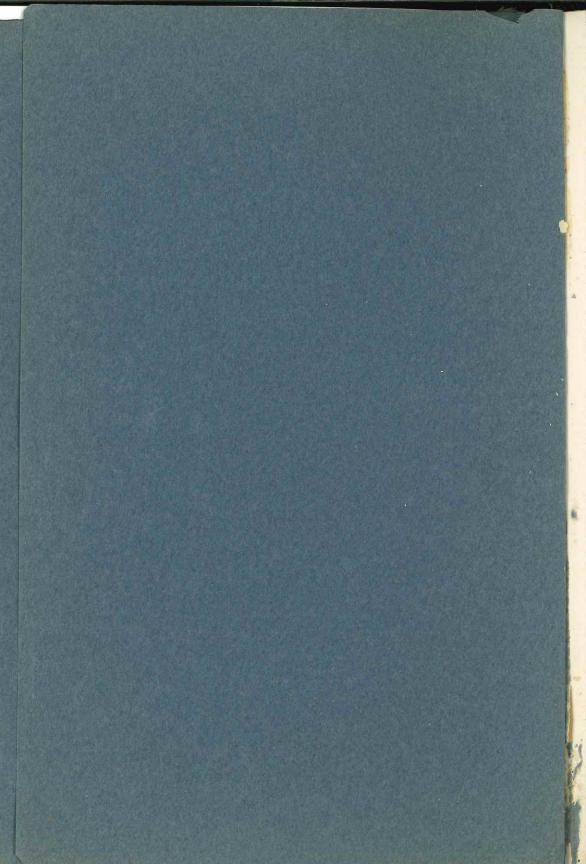
1893 .G985

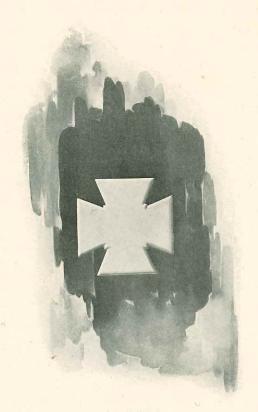
CATALOGUE Nº 75



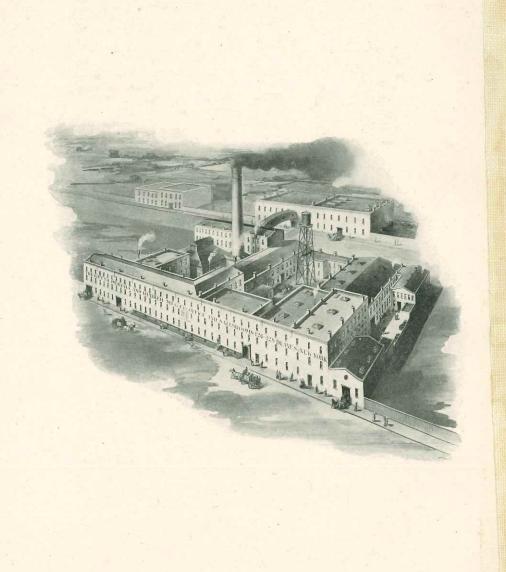
2-554 SANSON SANSON S
SCIENTIFIC LIBRARY
UNITED STATES PATENT OFFICE Case Shelf
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80 80 80 80 80 80 80 80 80 80 80 80 80 8
DESIGN 55







Trade Mark



Half a Century



NCE 1855—a half century—we have manufactured mechanical rubber goods of every description, keeping pace during that period with the strides of science in the discovery of new uses for rubber, and the invention of improved appliances for its manufacture, as befits one of the oldest and most progressive

concerns in the line.

¶ In every stage of its production, from the handling of the raw material to the finishing touches on the completed article, we aim to produce merchandise that will withstand the severest tests for quality, and uphold our reputation for reliability.

¶ We are able to maintain this high degree of quality in all our work through the perfect organization of our establishment—that is, the employment of expert workmen, many of whom have grown up with the institution.

¶ Still another important factor in economical production is our immense plant—the gradual, healthy growth of five decades—fully equipped with the latest improved machinery and facilities in every department.

¶ Thus our customers are assured the lowest possible prices, as well as absolutely dependable merchandise.

¶ We therefore feel justified in emphasizing these points, and directing to them the special attention of the trade.

¶ In the following pages we show a comprehensive representation of our output. Most of the illustrations, as may be readily seen, are reproduced direct from photographs of the articles shown. We have endeavored to make our descriptive matter as concise and simple as is consistent with the nature of the catalog, avoiding unnecessary details and comment. The descriptions will be found most accurate, and may be absolutely relied upon in every respect.

¶ Reliability, quality and economy are the inducements we offer.

The Gutta Percha & Rubber Mfg. Company

... Merger

General Catalog #75

Mechanical Rubber Goods
Belting . Packing
Hose . Etc



U. S. Patent Office.

JUN 16 TOTO

Trade-Marks and Designs

Manufactured by

The Gutta Percha & Rubber Mfg. Company

Chicago

New York San Francisco

Boston

A. SPADONE . . . President
HENRY SPADONE . Vice-President
MATTHEW HAWE . . Treasurer

TS1893. G985

Rubber Belting

Red Strip Maltese Cross Montana Sewed

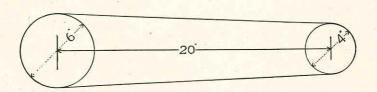
Mohawk Grain Elevator

Mining Elevator, M. C. Cushion Surface Conveyor

Frictioned Cover Belt

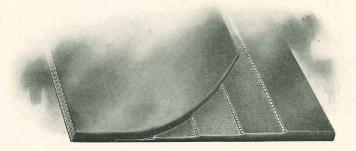
To Ascertain Length of Belt Needed

Multiply the sum of the diameters of pulleys by 1.57 and add twice the distance between shaft centers, viz.: Given a belt 20 feet between centers of pulleys, pulleys being 4 feet and 6 feet diameter, respectively, what length belt is needed?



6. 4.	2 x 20=40 15.70
10. 1.57	$ \begin{array}{r} \hline 55.70 \\ \text{or } 55 \text{ feet } 8\frac{2}{5} \text{ inches} \end{array} $
15.70	





When Lacing Rubber Belts

Cut the ends perfectly straight, so that when butted they will match perfectly.

For narrow belts, make one or two rows of holes in each end and lace as per sketches below, taking care to have the holes punched in





With Lace Leather

straight lines across the belt, and that the holes made in one end shall

be opposite those made in the other end.

For wide belts, step the plies down (as shown above) in addition, put a thin piece of rubber or leather on the back to strengthen the joints, equal in length to the width of the belt, and sewed or riveted to the belt.





With Wire Lacing



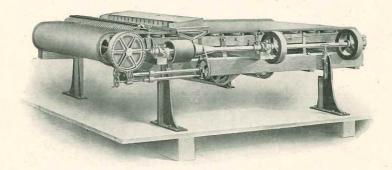


Concentrator and Flanged Belts

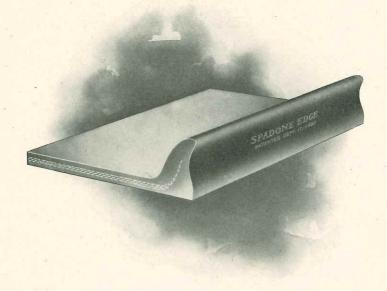
We call particular attention to our facilities for making belts for all kinds of concentrating and mining machinery.

Belts with flanged edges for conveying materials of all kinds.

Quotations upon application



Frue Vanner



Vanner Belt

THE Spadone Edge Vanner or Concentrator Belt is made of best quality material throughout. The flange is heavy, containing the finest grade of rubber, which with the method we use of running the duck up into the edge, prevents it from breaking at the base or cracking at the top.

The most durable Vanner Belt in the market. Made in all sizes with plain or roughened surface.

Quotations upon application



Price List of Rubber Belting

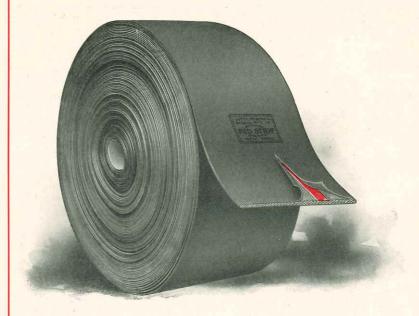
			3				0
Inch	2-Ply Per Ft.	3-Ply Per Ft.	4-Ply Per Ft.	5-Ply Per Ft.	6-Ply Per Ft.	7-Ply Per Ft.	8-Ply Per Ft.
1 11/4 11/2 2 21/2 3 3 31/2 4 4 4/2 5 6 6 7 8 9 100 111 112 113 114 115 116 118 20 22 22 4 22 22 22 22 22 22 22 22 22 22 2	\$0.07 .09 .11 .15 .18 .22 .26 .30 .33 .36 .43 .51 .59 .67 .75 .83 .91 1.00 1.08 1.16 1.25 1.41 1.58 1.76 1.96 2.15 2.35 2.55 2.75 2.35 2.55 3.35 3.55 3.75 3.95 4.15 4.35	\$0.09 11 13 17 22 26 30 34 39 43 52 60 70 80 90 1.00 1.08 1.18 1.28 1.38 1.50 1.70 1.90 2.12 2.36 2.60 2.84 3.10 3.35 3.60 3.85 4.10 4.35 4.60 4.85 5.10 5.35	\$0.11 .14 .16 .21 .26 .31 .37 .42 .47 .52 .62 .73 .84 .95 .1.07 1.18 1.30 1.42 1.54 1.66 1.78 2.02 2.26 2.280 2.262 2.52 2.280 3.08 3.36 4.420 4.48 4.76 5.32 5.88 6.16 6.72 7.00 7.28 7.56 7.56 7.56 7.56 7.56 7.56 7.56	\$0.19 .26 .32 .38 .46 .52 .58 .65 .77 .91 1.05 1.18 1.33 1.47 1.62 1.77 1.92 2.07 2.22 2.52 2.82 3.50 3.85 4.20 4.55 4.20 4.55 5.65 5.95 6.65 7.70 6.65 6.65 6.65 6.65 6.65 6.65 6.65 6.6	\$0.31 .39 .46 .55 .63 .70 .78 .93 1.09 1.26 1.42 1.60 1.77 1.95 2.13 2.31 2.49 2.67 3.03 3.39 3.78 4.20 4.62 5.04 5.88 6.30 6.72 7.14 7.56 7.98 8.40 8.82 9.24 9.24 9.26 9.26 9.26 9.26 9.26 9.26 9.26 9.26	\$0.73 .82 .91 1.08 1.27 1.47 1.66 1.87 2.06 2.27 2.48 2.69 2.90 3.11 3.53 3.95 4.41 4.90 5.39 5.88 6.37 6.86 7.35 7.84 8.33 8.82 9.31 9.80 10.29 10.78 11.27 11.76 12.25 12.74 13.23 13.72	\$1.24 1.46 1.68 1.90 2.14 2.36 2.60 2.84 3.38 3.35 4.04 4.52 5.06 6.16 6.72 7.28 7.84 8.40 8.96 9.52 10.08 11.76 12.32 12.32 12.32 12.32 12.32 12.32 12.32 13.44 14.00 14.56 15.12

Intermediate widths at proportionate prices.

Regular or full size rolls contain 350 to 400 feet, but we cut or make to order any length desired.

Orders filled for usual sizes from stock. Special sizes made on three days' notice. Endless Belts made to order, on which there will be three extra feet charged for





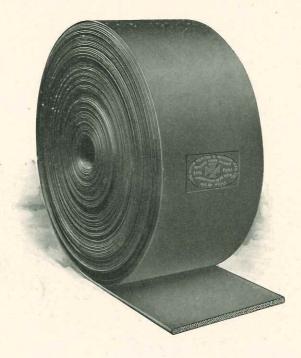
The Red Strip Brand

This is Our "Leader"

THE RED STRIP Belt has been known to the trade for more than a quarter of a century and during that period has won for itself an enviable position in the opinion of the users of Rubber Belting. It is made up to give satisfaction, of the best materials, fully stretched, and carefully finished. As a Trade Mark, and to give additional strength, we run a strip of red-colored rubber immediately under the lap. From this improvement, originally patented by this company, it derives its name of Red Strip Belting. We put it out as a thoroughly reliable and fully guaranteed belt.

List Page 10





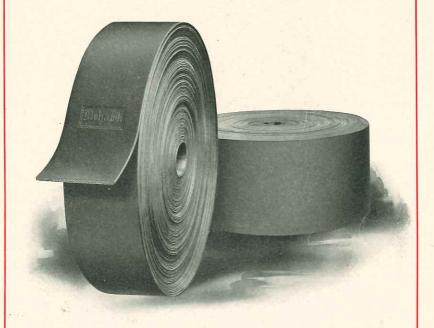
Maltese Cross Brand Rubber Belting

HIS is a special belt of the highest grade, particularly adapted for use wherever a belt of unusual strength and durability is required and suitable for hard places where difficulty is found in obtaining a satisfactory article. Made with a smooth, even cover on thirty-two ounce duck, with the plies strongly united with the best quality of rubber friction. A well pressed, compact belt, uniform in width and thickness, thoroughly stretched in course of manufacture, in fact, made in the best possible manner of the best materials and with the greatest care.

We place our Maltese Cross brand only upon such goods as we know are the best.

List page 10





Mohawk Brand Rubber Belting

THIS belt is made on medium weight duck with a good grade of friction and cover, and is thoroughly well pressed and cured. It will be found a serviceable belt for ordinary work, and fills a large demand for small elevators and mills.

List page 10







Specially Constructed Elevator Belting

OUR goods for this work are regularly made on 32 ounce duck, with a suitable friction, and hard, smooth cover, for use in grain elevators, etc. We make this grade only in wide belts, from 14 inches to 72 inches. All we put on are fully guaranteed for the service, and we have them in the largest elevators in the country.

List Page 10





JUN 16 1913

Tade-Marks and Designs.

Montana Sewed

For Paper Mills and Saw Mills

THE best of the stitched belts, made of the heaviest duck and strongest friction; thoroughly stretched in course of manufacture; with a smooth, seamless cover; stitched closely and evenly with extra strong yarns and by the most approved and up-to-date machines.

Particularly adapted for use in paper mills and saw mills and wherever a stitched belt is required.

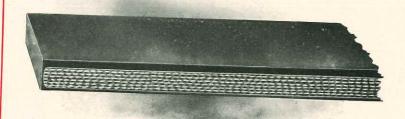
List Page 10



Mining Elevator and Conveyor Belt

In the construction of this belt we use the heaviest duck and a very high grade of friction and cover. On the pulley side we put an extra heavy cover, from 16 to 14 inch thick, according to the need, forming a cushion to prevent the ore, etc., which falls from the buckets or scrapes along the surface of the belt from cutting through to the duck. It is equally well adapted for wet or dry elevating and conveying. For ore, coal, cement, etc.

List page 10



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Frictioned Cover Rubber Belting

Made of very fine, strong duck and rubber of the best quality. The combination of these two makes a belt that is adapted for the very hardest kind of work on fast running machinery.

Price List

inch 3-Ply	5-Ply	7-Ply	9-Ply	11-Ply	13-Ply	Per Ft.
Per F	Per Ft.	Per Ft.	Per Ft.	Per Ft.	Per Ft.	
1 \$0.08 11½ 13 22 23½ 25½ 25 33½ 29 4 34 4½ 35 6 48 6 48 7 7 8 66 9 77 10 88 111 19 12 1.00 13 1.1 14 1.2 15 1.2 16 1.3 18 1.1 14 1.2 22 2 1.9 24 22.1 28 30 32 32 34 36 38	1.42 1.53 1.67 1.89 2.11 2.36 2.62 2.89 3.16	\$0.24 .29 .35 .41 .47 .53 .58 .69 .81 .06 1.19 1.31 1.45 1.58 1.71 1.85 2.25 2.51 2.80 3.11 3.42 3.73 4.04 4.36 4.67 4.98 5.29 5.60	\$0.59 .666 .744 .86 1.01 1.31 1.48 1.64 1.80 1.97 2.14 2.247 2.247 2.30 3.13 3.50 3.89 4.28 4.67 5.05 5.44 5.66 6.22 6.61	7.46	\$2.08 2.30 2.58 2.77 3.00 3.24 4.41 4.90 5.45 5.98 6.53 7.07 7.62 8.17 8.70 9.25	\$2.97 3.17 3.48 3.77 4.55 5.66 6.2 6.8 7.4 8.0 8.7 9.9 10.5 11.2

Hose

We manufacture hose of all descriptions

Water

Oil

Air Brake

Steam

Pneumatic

Signal

Air Drill

Suction

Brewers

Mill

Fire

Divers Hose



We call particular attention to our full line of Garden and Hydrant Hose.

Water Hose List

Interna	Diam	eter		2-Ply Per Foot	3-Ply Per Foot	4-Ply Per Foot	5-Ply Per Foot	6-Ply Per Foot
½ inch				\$0.20	\$0.25	\$0.30	\$0.37	\$0.45
¾ inch			•	.25	.30	.37	.46	.55
1 inch				.33	.40	.50	.62	.75
1¼ inch				.42	.50	.62	.77	.93
1½ inch				.50	.60	.75	.93	1.12
1¾ inch				.58	.70	.87	1.08	1.30
2 inch				.66	.80	1.00	1.25	1.50
2¼ inch				.75	.90	1.12	1.40	1.68
2½ inch				.83	1.00	1.25	1.56	1.87
2¾ inch				.92	1.10	1.37	1.71	2.05
3 inch				.99	1.20	1.50	1.87	2.25
3¼ inch				1.16	1.40	1.75	2.18	2.62
4 inch				1.32	1.60	2.00	2.50	3.00
5 inch				1.65	2.00	2.50	3.13	3.75
6 inch		a		1.98	2.40	3.00	3.75	4.50
7 inch				2.31	2.80	3.50	4.38	5.25
8 inch			1	2.64	3.20	4.00	5.00	6.00
9 inch	•			2.97	3.60	4.50	5.63	6.75
10 inch				3.33	4.00	5.00	6.25	7.50

The Care of Hose

RUBBER hose should be kept in a cool, moist place as much as possible, as dry heat has a tendency to harden and crack the rubber.

Hose should never be allowed to remain kinked or bent any length of time.





Our Brands of Water Hose

This brand always indicates our highest quality. All sizes of carbolized hose are treated with our special preparation of carbolic acid, which preserves the duck and rubber from mildew and deterioration. This grade will last longer than anything else on the market.

Ridgewood brand is recommended for high pressures and hard places. It is made on heavy, strong duck, with fine high-grade tube and cover. It has no superior, with the exception of our carbolized hose.

Wallabout hose has a wide reputation for service and durability. We recommend it for all kinds of uses, such as railroads, steamboats, mines and mills requiring a water hose. It is fully guaranteed.

List page 19.

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Our Brands of Water Hose

Rescue hose is a good article for moderate pressures, and is in demand for conducting purposes. Made in all sizes from one-half to two and one-half inches. It is a popular hose with the trade.

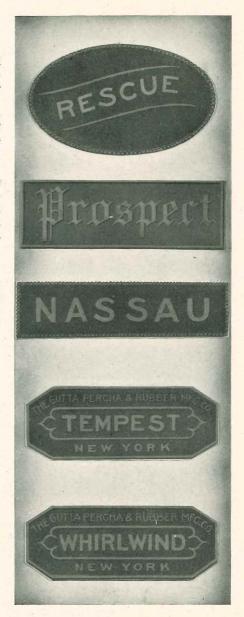
Prospect hose is made only in one-half and threequarter inch sizes for lawn purposes, and is a good serviceable article at a reasonable price.

Nassau hose is also made only in one-half and threequarter inch sizes, and is serviceable under moderate pressure.

Tempest hose is made in one-half and three-quarter inch sizes only and is seven ply for high pressure. It is an excellent lawn hose and very durable.

Whirlwind hose is made in one-half and three-quarter inch sizes only, and is five ply. This is one of the best brands of lawn hose on the market, and we fully guarantee every length.

List page 19.







Steam Hose

OSE that is used to conduct steam requires to be entirely different in both material and construction from water hose. It must be so constructed as to resist heat as well as pressure. To get the best results from steam hose it is desirable to use a good many plies and avoid turning steam into the hose at a higher temperature than necessary.

Brands

Maltese Cross

Ridgewood

Wallabout

Price List

Inch	3-Ply	4-Ply	5-Ply	6-Ply	7-Ply	8-Ply
1/2	\$0.43	\$0.51	\$0.63	\$0.76	\$0.89	\$1.02
1/2 3/4	.51	.67	.83	1.00	1.17	1.34
1	.67	.83	1.03	1.24	1.45	1.66
14	.85	1.04	1.30	1.56	1.82	2.08
1¼ 1½ 1¾	1.02	1.25	1.56	1.87	2.18	2.50
13/	1.18	1.45	1.81	2.17	2.53	2.90
2	1.34	1.66	2.07	2.49	2.90	3.32
	1.50	1.87	2.33.	2.80	3.27	3.74
2¼ 2½	1.66	2.08	2.60	3.12	3.64	4.16

We desire to call the attention of consumers to the fact that steam hose, as ordinarily made, is vulcanized at a temperature of 240 degrees. Therefore when it is subjected to a continuous heat greater than 240 degrees the rubber is hardened and the hose will deteriorate.

We append a table of the heat generated by pressure, from which consumers will see the advantage of keeping the steam pressure below forty pounds.

				Degre	es Heat
40 pounds steam pressure generates					269
50 pounds steam pressure generates				*6	283
60 pounds steam pressure generates					295
70 pounds steam pressure generates					306
80 pounds steam pressure generates	- :			-	315
90 pounds steam pressure generates			41		324
100 pounds steam pressure generates				•	332
125 pounds steam pressure generates		9.			360



Air Drill and Compressor Hose

ANUFACTURED to withstand the severest uses in mines, quarries, etc., where the wear on the outer covering is severe, and the service requires a high-grade tube.

Brands

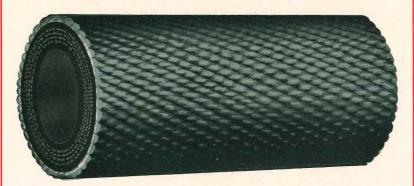
Maltese Cross

Ridgewood

Wallabout

Price List

Diameter in Inches	4-Ply 3-Ply Inside 1-Ply Outside	5-Ply 4-Ply Inside 1-Ply Outside	6-Ply 5-Ply Inside 1-Ply Outside
3/4	\$0.67	\$0.83	\$1.00
1	.83	1.03	1.24
1¼	1.04	1.30	1.56
1½	1.25	1.56	1.87
2	1.66	2.07	2.49
21/4	1.87	2.33	2.80
21/2	2.08	2.60	3.12



Cut Actual Size

Blue Jacket Air and Steam Hose

THIS hose has a special jacket, antiseptically prepared and painted blue, which fits over the hose and makes a tight, solid covering which resists a high pressure. It is superior to marlined or wire-wound hose, as it will not unwind, and greatly prolongs the life of hose which comes in contact with rough surfaces. This hose is especially adapted for mine and quarry work.

Price List

Interior	Diam	eter	3-Ply Per Ft.	4-Ply Per Ft.	5-Ply Per Ft.	6-Ply Per Ft.
½ inch			\$0.43	\$0.51	\$0.63	\$0.76
¾ inch	•		.51	. 67	.83	1.00
1 inch			.67	.83	1.03	1.24
1¼ inch			.85	1.04	1.30	1.56
1½ inch			1.02	1.25	1.56	1.87
134 inch			1.18	1.45	1.81	2.17
2 inch			1.34	1.66	2.07	2.49
2½ inch			1.66	2.08	. 2.60	3.12
3 inch	-		2.00	2.80	3.50	4.20

For each additional ply add 25 per cent. of 4-ply prices. Larger sizes made when required.





Brewers' Hose

WE take special pains in the manufacture of our Brewers' Hose to see that the tube and cover are so constructed as to resist the action of hot liquids and withstand the wear incidental to brewers' work.

Brands

Ridgewood

Wallabout

Special

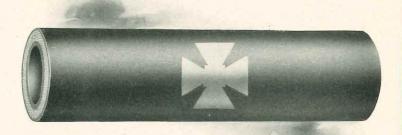
Price List

Interior Diamete	3-Ply Per Ft.	4-Ply Per Ft.	Interior Diameter		3-Ply Per Ft.	4-Ply Per Ft.
½ inch	\$0.43	\$0.51	1¾ inch	- 10	\$1.18	\$1.45
¾ inch	.51	. 67	2 inch	1.0	1.34	1.66
1 inch	.67	. 83	2½ inch	176	1.66	2.08
1¼ inch	.85	1.04	3 inch		2.00	2.80
1½ inch	1.02	1.25				

Five and 6-ply Brewers' Hose made at an advance of 25 and 50 per cent. respectively, on 4-ply prices.







Oil Hose

Price List

Inches	3-Ply	4-Ply	5-Ply	6-Ply
1/2	\$0.43	\$0.51	\$0.63	\$0.76
3/4	.51	. 67	.83	1.00
1	.67	.83	1.03	. 1.24
11/4	.85	1.04	1.30	1.56
11/2	1.02	1.25	1.56	1.87
2	1.34	1.66	2.07	2.49
21/4	1.50	1.87	2.33	2.80
21/2	1.66	2.08	2.60	3.12
3	2.00	2.80	3.50	4.20

As oil is detrimental to rubber in differing degrees, it is necessary to make different compounds, each of which should be able to withstand the particular oil that it may come in contact with.

From our wide experience, we are able to make compounds which resist the different oils to a high degree. In oil hose we select from these stocks, using the one which in our judgment appears the best suited for the purpose.

In writing us give full information regarding the use required and the kind of oil to be used, and we will give you prices and a quality that will be satisfactory.





Pneumatic Hose

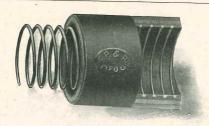
As the use of pneumatic tools has increased enormously in the past few years, we have taken great pains to manufacture a hose that will meet all the requirements of such use. To do good service a hose should be strong and pliable, and at the same time should be able to withstand the hard service due to pulling over rough floors and the sharp edges of iron. The hose should also withstand the high heat which is caused by the compression of the air.

Price List

Internal D	iamet	er	4-Ply	5-Ply	6-Ply	7-Ply
¼ inch ¾ inch ½ inch ¾ inch 1 inch 1¼ inch			\$0.35 .43 .51 .67 .83 1.04 1.25	\$0.43 .51 .63 .83 1.03 1.30 1.56	\$0.51 .63 .76 1.00 1.24 1.56 1.87	\$0.60 .75 .89 1.17 1.45 1.82 2.18
1½ inch 2 inch			1.66	2.07	2.49	2.90

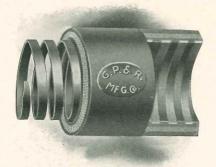


Suction Hose



List Prices

On	ral I Vire	Bras.	r	On Spira		alvar	nized	Steel
Internal Diameter 34 inch			Per Foot	Internal Diameter	,,	110		Per Foot
1 inch			0.77 1.00	¾ inch 1 inch		*	**	\$0.70
1¼ inch	.,		1.25	1¼ inch		7		1.15
1½ inch 1¾ inch			$\frac{1.65}{2.10}$	1½ inch	*	6		1.50
2 inch			2.50	1¾ inch 2 inch	16	14/	2007	$\frac{1.90}{2.30}$



For Wrecking, Mining Purposes, Etc.

Made to order, of any size and length required, on spirally wound, galvanized steel wire.

galvanize	ed ste	eel wire.				, opiia	11,9	would,
Internal Diameter 2½ inch		Per Foot \$3.10	Internal Diameter 5 inch	÷	Per Foot \$ 7.60	Internal Diameter 7½ inch		Per Foot \$13.50
3 inch		4.00	5½ inch		8.50	8 inch		15.00
3½ inch 4 inch		4.90	6 inch		9.50	9 inch		17.50
A Continue of the Continue of		5.80	6½ inch		10.50	10 inch		20.00
4½ inch		6.70	7 inch		12.00	12 inch		25.00

For rough work, in sizes 3½ inches and over, this hose is much used. The wire is exposed on the inside but is galvanized to prevent rusting.



Smooth Bore Suction Hose



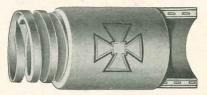
Extra heavy smooth bore, on flat wire, for mining and marine pumps.

Interior Diameter			Per Foot	Interior Diameter			Per Foot
2 inch		4	\$2.60	6 inch			\$10.50
2½ inch			3.50	6½ inch			12.00
3 inch		- y	4.50	7 inch			13.50
3½ inch	101		5.50	7½ inch			15.00
4 inch	,		6.50	8 inch			16.50
4½ inch			7.50	9 inch		(14)	19.50
5 inch		٠,	8.50	10 inch			22.50
5½ inch			9.50	12 inch			27.50

Made with spiral flat steel wire.

This hose is made with a smooth lining inside the hose. This protects the steel from rusting and also gives a perfectly smooth waterway, thus reducing the friction and giving a longer suction. It is made in all sizes from 1¼ inches up.

For sizes over 12 inches diameter we will make special prices upon application. This hose in large sizes is used for mining and marine work and is made especially heavy and strong.



Fire Department Suction

Maltese Cross Brand, patent carbolized, light, pliable and strong. The rubber and duck used in the manufacture of this suction are treated with carbolic acid in the same manner as our Maltese Cross Brand Fire Hose, and is thereby effectually preserved from mildew and rot. Fire departments pronounce this the best suction hose in use.





Air Brake Hose

Nour Maltese Cross Air Brake Hose we offer an article par excellence. Nothing is spared to make this brand the highest type and most perfect article on the market. We guarantee it to stand the test required by the severest specifications.

Made in any size and length desired.

The **U.S.** brand Air Brake Hose we have made for many years and fully guarantee. It wears well and will give excellent service. Made in all sizes.

Brands

Maltese Cross

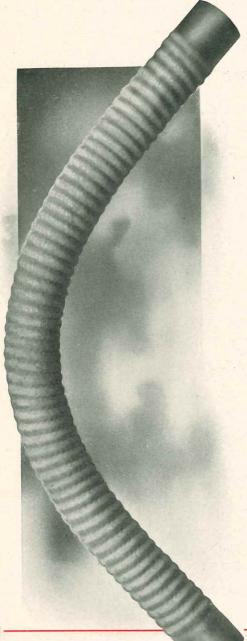
U.S.

Price List

1	inch int.	diameter				per foot \$	0.83
11/4	inch int.	diameter	1. 4			per foot	1.04







Corrugated Tender Tank Hose

THIS hose is corrugated and specially constructed to prevent it from collapsing or kinking, there by making it impossible to break or shut off injectors when rounding a curve or striking a low joint.

injectors when rounding a curve or striking a low joint.

The outside is covered with a special jacket or cover to prevent oil, grease, etc., from destroying it. This hose is acknowledged by many of the master mechanics of our leading railroads to be the ideal hose for engine and tender connections.

Price List

10000			F	er Foot
13/	inch	50.0	•20	\$0.87
2	inch			1.00
21/4	inch			1.12
21/	inch			1.25
23/	inch	2.60	• 2	1.37
3	inch	0.00	•:	1.50





THE GUTTA PERCHA AND

Divers' Hose

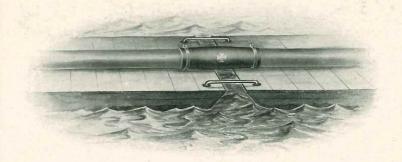
We guarantee our hose to float
Prices on application



Dredging Sleeves for Pontoon Dredging

Made in all sizes. Our Maltese Cross goods are the most durable for this kind of work.

Prices on application



Wire Wound Hose



Price List for Winding Water Hose with Tinned Steel Wire

Size				3-Ply 4-Ply		5-Ply	6-Ply
½ inch per foot				.03	.04	.05	.06
¾ inch per foot				.04	.05	.06	.07
1 inch per foot				.04	.07	.08	.09
11/4 inch per foot		10		.07	.08	.09	.10
1½ inch per foot			- 0	.08	.09	.10	.11
2 inch per foot	20		1	.08	.11	.12	.13
2½ inch per foot		175	-	.12	.13	.14	.15



Price List for Winding Steam Hose with Tinned Wire

Size				3-Ply	4-Ply	5-Ply	6-Ply	
1/2 inch per foot	-		-33	.06	.07	.08	.09	
1/4 inch per foot				.07 .08 .09	.08	.09	.10	
1 inch per foot				.08	.09	.10	.11 .12 .13	
1¼ inch per foot				. 09	.10	.11	.12	
1½ inch per foot				.10	.11	.12	.13	
2 inch per foot				.10	.14	.15	.16 .20	
2½ inch per foot		5.0		.17	.18	.19	.20	



Price List for Winding Steam Hose with Marline

Size			3-Ply	4-Ply	5-Ply	6-Ply	
½ inch per foot		-		.03	.04	.05	.06
34 inch per foot				.04	.05	.06	.07
1 inch per foot		U.		.05	.07	.08	.09
11/4 inch per foot				.07	.08	.09	.10
11/2 inch per foot				.08	.09	.10	.11
2 inch per foot	-			.10	.11	.12	.13
21/2 inch per foot	. 99	1/2	- 2	.12	.13	.14	.15

- 网

The Gutta Percha and Rubber Mfg. Company



White Rubber Tubing

Made with walls $\frac{1}{8}$, $\frac{3}{32}$, $\frac{1}{16}$ inch thick, with smooth or corrugated surface, and put up in boxes of convenient size, containing 50 to 100 feet each.

Interior Di			er Foot		rior Di	amete	r		F	er Foot
1/8 inch			\$0.08	1/2	inch		- 10	•		\$0.25
3 inch			.12	10	inch	•	٠.	- 1		.30
1/4 inch	+7.0		.16	3/4	inch	*		•	*	.35
5 inch			.18	1	men	100	•0	•	•0	.40
3/8 inch			.20							



Cloth Insertion

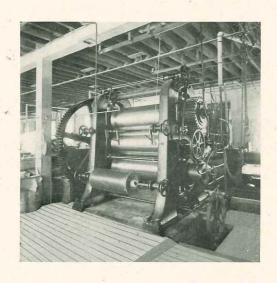
Made seamless and in 50-foot lengths.

Interior Di	amete	er		1	Per Foot	Int	erior Di	amete	r		P	er Foot
1/8 inch					\$0.10	1/2	inch			X)•2		\$0.28
3 inch				(0.40)	.14	5/8	inch		•	8.5		.33
i inch				1.60	.18	3/4	inch					.38
5 inch			2 .		.20	1	inch		-			.50
3% inch			122	17750	.23				-			

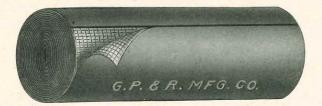
Packing

We manufacture the following high-grade packings:

Rubber Sheet
Rubber and Cloth Sheet
Rubber Sheet, Wire Insertion
Special Blue Sheet, Pyramid Brand
Special Red Sheet, Red Jacket Brand
Hydraulic Square
Square and Round Canvas
Square and Round Pure Rubber



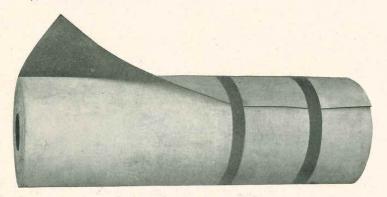




Steam Sheet Packing

Wire insertion.

In this packing there is a wire netting used in place of cloth, thereby increasing its resisting power very largely. For some kinds of work it is very desirable. We carry in stock all sizes from 1/2 to 1/4 inch, 36 inches wide. Per pound, \$0.50



Steam Sheet Packing

Cloth insertion; cloth one side, cloth both sides.

Thickness	1-Ply	2-Ply	3-Ply	4-Ply
$ \begin{array}{c} \frac{1}{64} \text{ inch} \\ \frac{3}{2} \text{ inch} \\ \frac{1}{6} \text{ inch} \\ \frac{3}{2} \text{ inch} \end{array} $	\$0.70 .65 .60 .55	\$0.63 .58 .55 .55	\$0.66 .61	20 61
½ inch inch	.55 .55	.55	.58	\$0.61
inch inch	.55	.55	.55	.58 .55

One ply of cloth to every $\frac{1}{16}$ inch thickness. Three cents per pound additional will be charged for each extra ply. All packing is one yard wide, and any length desired.



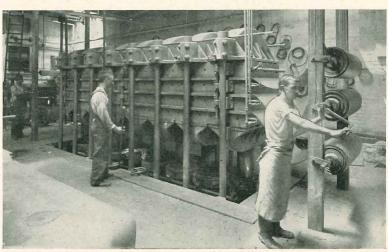


Pure Rubber Sheet Packing or Valve Gum

Carried in stock in rolls 1 yard wide and from 5 to 45 yards long, according to thickness. All thicknesses from to 1½ inches constantly on hand. Extra thicknesses and widths up to 72 inches furnished to order on short notice. Price, per pound . \$1.40

Diaphragm Packing

Made of Pure Gum Heavy Cloth Insertion. Price, per pound, \$1.50



Packing Vulcanizer







Pyramid Brand Bluestone Packing

THERE is no packing made that will last as long or withstand as well the action of steam heat, hot or cold water and air.

Especially adapted for high pressures and severe places.





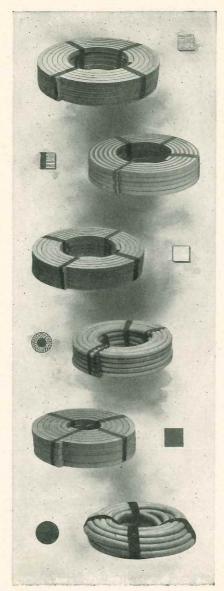
Red Jacket High-Pressure Packing

POR steam, water, oil and air. The best red packing on the market. There are many qualities of red sheet packing offered. We make the best and guarantee it to do good service. It is made of special compounds to stand high temperatures.

Price per pound \$0.80



Piston Rod Packing



Square Duck Packing

Used for ordinary pump work. Made in 18-foot lengths.

Rubber Back Packing

Made in lengths of 18 feet.

Hydraulic Square Duck Packing

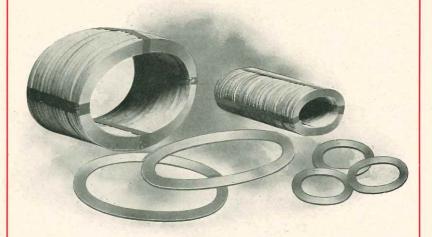
Made of alternate layers of high quality, fine, closewoven duck and best rubber.

Round Piston Rod Packing

Made in lengths of 12 feet, from ¼ to ½ inch in diameter, with pure rubber core.

Pure Gum Packing

Either round or square. Made of different qualities of rubber to meet the different demands.



Gaskets and Rings

Fibrous
1/2 inch thick, or less per pound, \$0.90
$\frac{5}{32}$ inch thick and upward per pound, .80
Cloth Insertion
1 inch thick, or less per pound, \$1.25
$\frac{3}{32}$ inch thick and upward per pound, 1.00
There is one ply of cloth to every $\frac{1}{16}$ inch thickness.
Five cents per pound additional will be charged for each extra ply
of cloth.
Wire Insertion
Price per pound, \$1.10
Pyramid Brand Bluestone
All thicknesses.
Price per pound, \$1.10
Pure Gum
Any size and thickness per pound, \$1.50 Orders for special sizes filled on short notice.



Diaphragms

Made of pure gum with or without cloth insertion.

Special diaphragms made to order.

Damper

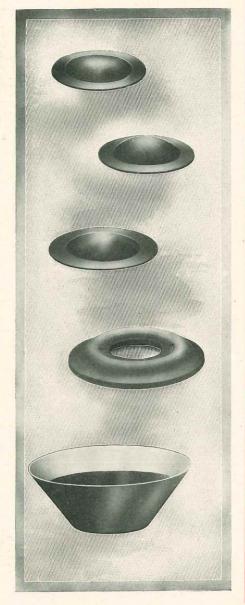
From 6 to 12 inches diameter. Prices on application.

Pump

Price, . per pound, \$1.50

Eames Diaphragms for Vacuum Brakes

110.				
2½	56.	per dozen,	\$72.00	
23/4		per dozen,	72.00	
3	-	per dozen,	60.00	
1		nor dozon	12 00	







Valves

We manufacture valves for all classes of work, and suitable for all temperatures and pressure.

In ordering state the kind of work, also the temperature and pressure, and we can furnish valves to suit the conditions which will give satisfaction.

The following are our regular grade valves:

For Cold Water Soft

For Moderate Temperature Medium

For Hot Water Hard J.Y.

M.Y. and R. Following are special for severe work:

For

For Hot Water

For Cold Water Soft C.

For Cold or Warm Water Medium G.

Blowing Engines B.E.

Hard J.

For Condenser

For Air

For Oil

C.T. B.F. O. Very Soft

OO. Pure Gum

For special high pressure cold water service and when a perfect seating valve is required we make a valve hard one side and soft the other, which we designate as

C. and J.

Valve Balls

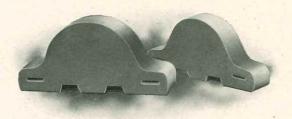
		Per
		Dozen
¾ inch or	less,	\$ 0.80
1 inch		1.00
11/8 inch		1.40
1¼ inch		1.90
13/8 inch		2.50
1½ inch		3.25
1% inch		4.00
1¾ inch		4.75
1% inch		5.50
2 inch		6.50
2¼ inch		8.00
2½ inch		10.50
5		

Price List



W 100		Dozen
¾ inch	. 9	3 13.00
inch		15.50
¼ inch		19.50
½ inch		23.50

23333 3¾ inch inch 35.00 4 54.50 4½ inch 70.00 5 inch 115.00 6 inch inch 175.00 inch 250.00



Wagon Springs

No. 1.	$3\frac{1}{4}$ inches high, $1\frac{1}{4}$ inches thick,			per pound,	\$0.35
No. 2.	$3\frac{1}{2}$ inches high, $1\frac{1}{2}$ inches thick,	1.5		per pound,	.35
No. 3.	$3\frac{3}{4}$ inches high, $1\frac{3}{4}$ inches thick,			per pound,	.35
No. 4.	4 inches high, 2 inches thick,			per pound,	.35

Rings for Beer Keg Washing Machines

Price, per pound, \$0.75



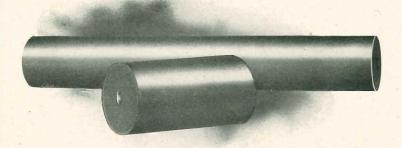




Pulley Sheave Filling

Made in pieces 2 feet long.

All sizes and shapes, per pound, \$1.50



Round Spring or Bumper Rubber

Mats and Matting

Perforated Mats

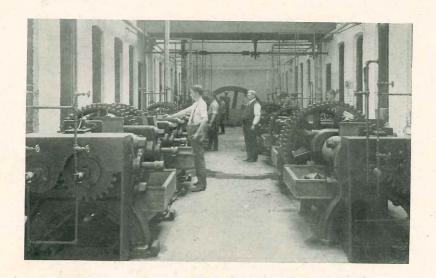
Cell or Diamond Mats

Especially Designed Mats

Pitcher and Cuspidor Mats

Step Treads and Corrugated Matting

Multicolored Rubber Tiling



Gutta Percha and Rubber Mfg. Company U. S.

Vulcanized Mosairada Marks and Designs.

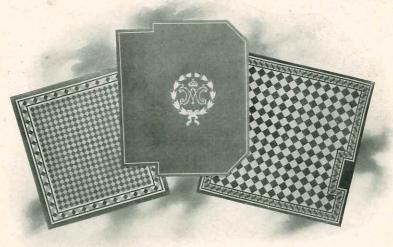
Marks and Designs.

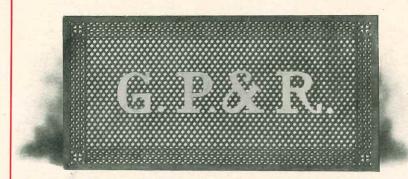
Ment in E have recently made a valuable improvement in the manufacture of rubber tiling.

Our process consists of joining by vulcanization the multicolored pieces which go to make up the Goods so made are much more satisfactory than those laid in individual pieces because there is less opportunity for foreign matter to get down between the tiles, gradually work under them, raise them up, and thus destroy the uniformity of the surface. Besides being made up of large pieces there is very much less labor in laying them, and once down they lay like a wooden floor or like burned tiling set in cement.

Our process enables us to produce an article entirely different from anything else of the sort in the market. Much more beautiful because of our ability to use and combine all colors and shades of colors. We can make it up in any pattern, and will be glad to furnish a booklet on

tiling, showing patterns, etc., upon application.





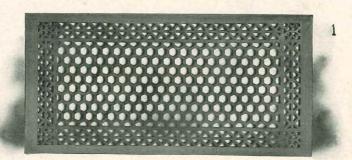
Perforated Mats

ADE to order of any size or shape, in a variety of patterns, and with either plain or corrugated surface. We submit a few designs of acknowledged merit, which we recommend as artistic and durable.

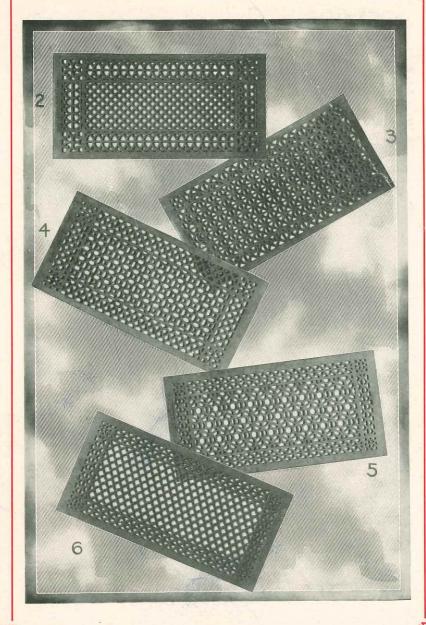
These mats are particularly adapted for use in *public* halls, hotels, elevators, steamboats, street cars, railroad cars, warehouses, etc., or where there is constant traffic, or wet and variable conditions. They will outwear any mat manufactured.

½ inch thick		•			per square foot,	\$1.25
3/8 inch thick	X.9.2	2.00	100.00	368	per square foot,	1.00
¼ inch thick					per square foot,	.75

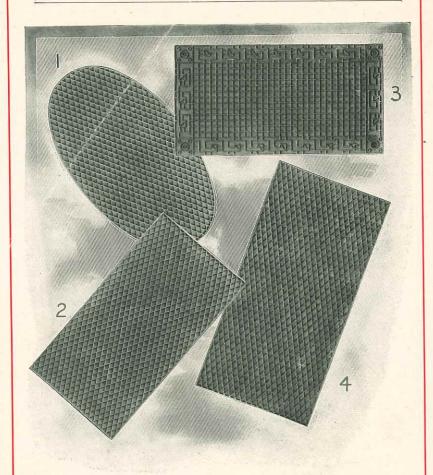
Letters, 25 cents each, extra. Red or white letters, 50 cents each, extra.



RUBBER MFG. COMPANY







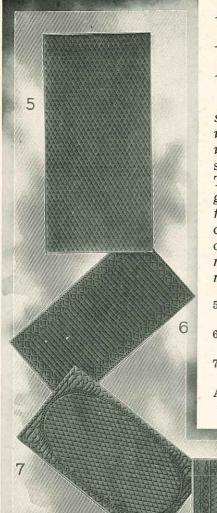
Moulded and Diamond Door Mats

WE submit, on this and the following page, illustrations showing the patterns that we have to offer in diamond mats.

No.	Pr	rices per doz	. No			Pı	ices	per doz.
1.	17 x 31, oval .	. \$27.00	3.	17 x 31,	with border			\$30.00
2.	17 x 31, no borde	r, 30.00) 4.	18 x 36,	no border			36.00







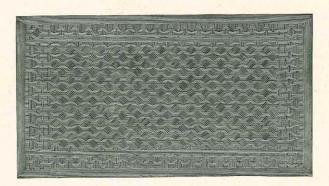
Moulded and Diamond Door Mats

These designs are specially adapted to withstand the unusual wear and tear to which such mats are subjected. To this we have added good material and careful workmanship, and can therefore offer a line of mats superior in all respects to any in the market.

- 5. 20 x 40 inch, without border . . . \$48.00
- 6. 17 x 31 inch, with heavy border . 30.00
- 7. 17 x 31 inch, with heavy border . . . 30.00
- A. Special Mats
 Prices on application.







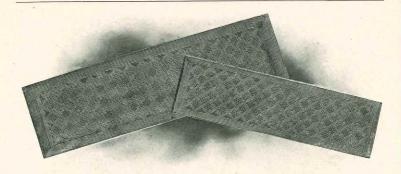
Corrugated Rubber Mats

				Per Dozen inch thick						er Dozen inch thick
15 x	15 inch	es .		\$ 7.85	24	x144	inches	4		\$120.00
16 x	32 inch	es .		18.00	25 3	2x 541	inches			48.00
17 x	31 inche	es .		18.50	28	x 36	inches			35.00
18 x	15 inche	es .	•	9.38	30	x 30	inches		856	31.25
18 x	18 inch	es .		11.00	30	x 36	inches	×		37.50
18 x	24 inch	es .		15.00	30	x 48	inches			50.00
18 x	30 inch	es .		18.75	30	x 60	inches			62.50
18 x	36 inch	es .		21.50	30	x 72	inches			75.00
18 x	48 inch	es .		30.00	30	x 96	inches			100.00
20 x	30 inche	es .		21.00	30	x120	inches	¥		125.00
$20 \mathrm{x}$	40 inch	es .		27.75	30	x144	inches			150.00
24 x	24 inch	es .		20.00	36	x 48	inches			60.00
24 x	30 inch	es .		25.00	36	x 60	inches			75.00
24 x	36 inch	es .		30.00	36	x 72	inches	٠,		90.00
24 x	48 inch	es .		40.00	36	x 96	inches	29		120.00
24 x	55 inch	es .		46.00	36	x120	inches			150.00
24 x	60 inch	es .		50.00	36	x144	inches	4		180.00
24 x	72 inch	es .		60.00	38	x 48	inches			63.50
24 x	96 inch	es .		80.00	42	x 42	inches	3.0	a	61.25
24 x	120 inch	es .		100.00						

3-32 inch thick, 20 per cent. less

邸

RUBBER MFG. COMPANY



Rubber Stair Treads

Such as are used for cars, etc.

-			er Dozen inch thick				r Dozen ich thick
4	x 15 inches		\$ 2.40	8×30	inches		\$ 8.75
6	x 18 inches		4.00	8 x 36	inches	(Ca)	10.50
6	x 20 inches		4.50	8 x 42	inches		12.25
6	x 24 inches		5.25	9×28	inches		9.00
6	x 30 inches		6.67	9×30	inches		10.00
6	x 48 inches		10.20	9 x 34½	inches		10.75
7	x 24 inches		6.00	9×35	inches		11.00
7	x 29 inches		7.50	9×36	inches		11.25
7	x 40 inches		10.37	9×42	inches		13.75
71/2	x 32 inches	1.0	8.75	9×47	inches		14.70
71/2	x 42 inches		11.50	10 x 24	inches		8.75
8	x 18 inches		5.25	10×40	inches		14.60
8	x 22 inches		6.40	12×24	inches		10.50
8	x 24 inches		7.10				
	and the same of th						

3-32 inch thick, 20 per cent. less

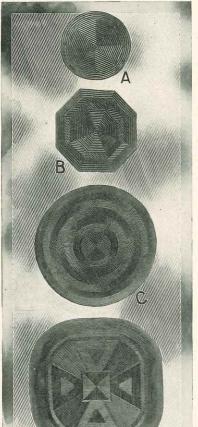


Special Knob and Lettered Treads

Prices on application







Pitcher, Bottle and Glass Mats, Cuspidor Mats, Etc.

A and B made in 5-inch sizes only. C and D made in all sizes from 11 to 18 inches.

> Per Dozen

5 in. diam. ½ in. thick, . \$0.84 11 in. diam. ½ in. thick, . 3.96 12 in. diam. ½ in. thick, . 4.80 15 in. diam. ½ in. thick, . 7.20 18 in. diam. ½ in. thick, . 10.80

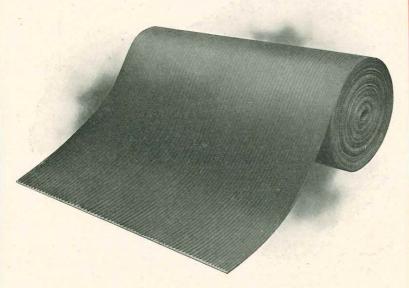
Mats made $\frac{3}{3}$ inch thick at a reduction of 20 per cent on above prices.

Style E Per Dozen 14×14 in. $\times \frac{7}{6}$ in. thick, \$15.00

Style F. White

 $7 \times 10 \text{ in. } \times \frac{7}{16} \text{ in. thick,}$. 10.50





Corrugated Rubber Matting

Made in rolls 30 to 72 inches wide, about 40 yards long, $\frac{3}{32}$, $\frac{1}{8}$, $\frac{3}{16}$, and $\frac{1}{4}$ inch thick, and to weigh about $7\frac{1}{2}$, 10, 15 and 20 pounds per square yard respectively.

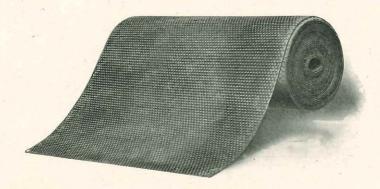
Price per pound, \$ 0.40

Rubber Mats

Shaped to fit chair. For Barbers' Use.

Perforated

4 men thick,		•			•			•65	each, \$ 7.50
Letters, .						* -		M.	each, .25
			C	Corru	gate	d			
3 inch thick,	*							Vie	each, \$ 6.00
1/8 inch thick,									each, 8.00
5 inch thick,	*			•		-	1964	1000	each, 10.00
3 inch thick									oach 12 00



Knob Matting

Made in any thickness desired, from $\frac{1}{8}$ inch to $\frac{1}{4}$ inch, measured from the top of the knob.

Regular width 36 inches, but we have facilities for producing it up to and inclusive of 72 inches.

Fire Hose

Rubber Carbolized

Chemical Engine

Cotton-Rubber Lined

Multiple Woven

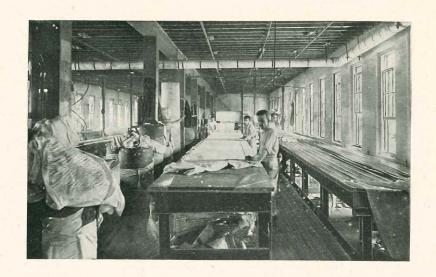
Double Jacket

Heavy Single

Underwriters

Mill Hose

Linen:







Rubber Fire Hose

We are the sole proprietors and manufacturers of the celebrated Maltese Cross Brand of Carbolized Rubber Fire Hose

Manufactured under letters patent Nos. 66,518, 99,935, 151,418, 141,419, 159,345. Reissue Nos. 3,842, 4,148.

THE unrivaled durability, strength and flexibility of this hose has established its superiority over all other brands of fire hose, and fully sustains its reputation as the best fire hose in the world.

The first patent covers our original invention for treating the cotton duck with a solution of carbolic acid to prevent mildew, rot and organic decay. The other patents cover subsequent improvements which add greatly to the strength and flexibility of the hose.

Strong, light and durable. Needs no drying, therefore saves the expense of a drying tower.





Cotton Fire Hose

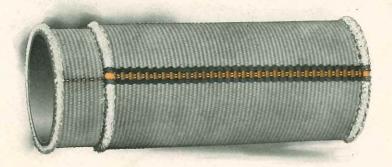
Baker Fabric Brand

AXIMUM strength, minimum weight. A multiple woven hose, every thread a strain-bearing one. The strongest, closest reeling, most pliable and best cotton hose made. It is woven in any number of plies necessary, to suit the pressure to be resisted. The most valuable feature of the weave is that the whole outer ply may be cut or worn away without affecting the strength of the plies beneath. Being flat-woven, when reeled it is in its natural position, an important fact which should be kept in view when comparing it with circular-woven hose; the latter when reeled is subject to great strain on the edges or folds of the coil, necessarily weakening the fabric and causing premature decay. Further, owing to our manner of weaving, the hose will unreel straight and not writhe or twist under pressure. It is equally soft and pliable wet or dry; having a smooth waterway, friction is reduced to a minimum.









Underwriters' Jacket Fire Hose

THIS is the finest grade of jacket fire hose. The fabric is made of selected long staple cotton yarn woven to comply with the specifications issued by the National Board of Underwriters. It bears the orange and black stripe, our Underwriters' trade mark.

The highest grade of rubber lining is used, and we offer the hose as the strongest and most durable jacket hose in the market.

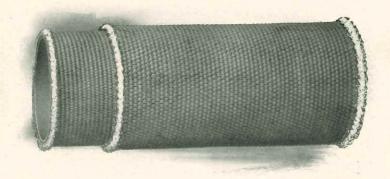
> Samples and prices, with full description, furnished upon application



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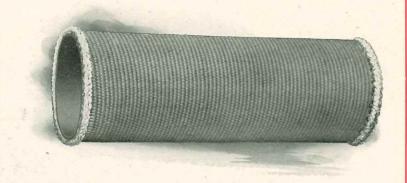




Facket Fire Hose

TE offer our jacket hose as shown above for use in fire departments and wherever a strong, durable article is required—one that must withstand high pressure and the wear incidental to being dragged about. It is woven of yarn selected from the best cotton, and lined with a first-class tube, and is guaranteed fully in every respect. This is one of the most popular grades of cotton hose we make.





Ajax Brand Fire Hose Heavy Single

HIS grade is made of a very heavy weave of the finest selected yarn, capable of resisting high pressure and great wear. The rubber lining is of the best quality, making a hose suitable for fire departments. It reels snugly, owing to its being woven in an oval, or flattened, form.





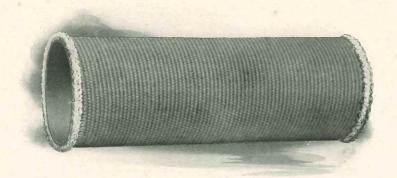


Underwriters' Hose

We manufacture this cotton hose to the specifications of the National Board of Fire Underwriters for private department and mill-yard use.







Mill Hose

Ajax Brand

E have devoted much time and careful attention to the manufacture of a perfectly reliable rubber lined cotton fire hose for use in factories, mills, etc., combining lightness with strength and durability. As a result we have produced our Ajax brand rubber lined cotton mill hose, which we can recommend as just that article. Made with good durable lining that will last for years, and with strong cotton fabric so woven as to lie snugly when reeled. Very flexible.

List

11/4 inch diamete	r .		 		per foot,	\$0.45
1½ inch diamete	r .				per foot,	.50
2 inch diamete					per foot,	.60
21/2 inch diamete	r .				per foot,	.65
2½ inch diamete	r .				per foot,	.70
3 inch diamete	r .				per foot,	1.00





Underwriters' Water Tight

Linen Hose

	Unli	ned	and	Sea	mless		
1 inch diameter				77.00			per foot, 16 cents
11/4 inch diameter	*		5.63	200		7.5	per foot, 18 cents
1½ inch diameter	*:		8.5	1/1			per foot, 20 cents
1¾ inch diameter				*			per foot, 23 cents
2 inch diameter				20			per foot, 25 cents
2¼ inch diameter				•6)	648	100	per foot, 27 cents
2½ inch diameter,	fire depa	rtm	ent siz	ze	- 16	•	per foot, 29 cents
3 inch diameter				•		0.0	per foot, 35 cents



Plain Linen Hose





Chemical Hose

For chemical engines and fire extinguishers.

TT is generally understood that hose is more readily affected by chemicals than it is by water alone. provide against this as far as possible by compounding our rubber for chemical hose with ingredients enabling it to resist the action of whatever chemicals may be used. Our Maltese Cross grade is, like our fire hose of same brand, the finest that can be made. We also make Ridgewood grade, which will give good service.

List Prices

5 inch diameter				٠.	- •		per foot,	
3/8 inch diameter				•			per foot,	.25
7 inch diameter							per foot,	.28
							per foot,	.30
½ inch diameter	•	•	•		-		per foot,	.38
5% inch diameter	-0		•	•	•			
¾ inch diameter				•			per foot,	.45
1 inch diameter						. 5	per foot,	.60

Miscellaneous

Play Pipes

Couplings

Clamps

Vestibule Hoods Rubber Buckets

Rubber Covered Rolls

Billiard Cushions

Rubber Soling

Printers' Blankets

Hose Racks and Reels

Hydrant Gates
Siamese Connections
Spanners
Hose Carts
Garden Hose Reels



Flexible Rubber Play Pipes

Patent Maltese Cross Carbolized

POR fire department service. Fitted with brass or leather handles as indicated in cuts. The great strength and flexibility of our "Maltese Cross" pipes and their superiority over brass pipes is too well known to need comment. They will stand the hard knocks and severe service of fire department work better than any pipes in the world.

Prices

RUBBER MFG. COMPANY



Hose Pipes List Price Without Tips

Size .	inches	3/4	1	1 1/4	1 1/2	2	21/2	21/2
Length	inches	8	9	101/2	10½	11	12	20
Per dozen		\$7.00	\$9.00	\$15.00	\$18.00	\$30.00	\$48.00	\$78.0



With Screw Tips

Size .		. inches	3/4	3/4	1	1	11/4	11/4
Length . Hose Pipe	Thread	. inches per dozen	7½ \$ 8.00	12 \$10.00	\$10.00	12½ \$12.00	12 \$20.00	15 \$24.00
Size .		. inches	1½	1½	2	2	2	2½
Length . Hose Pipe	Thread	. inches per dozen		15 30.00	12 38.00	15 45.00	20 50.00	15 75.00
Size .	1.0	. inches	21/2	21/2	2½	2½		
Length . Hose Pipe	Thread	. inches per dozen	20 96.00	$\frac{24}{100.00}$	30 144.00	36 157.00		



Underwriters'

Swivel Handle Play Pipes

Wound with Cotton Cord and Painted

List Price

Size · ·	18	inches	2	2	21/2	2½	2½
Length		 inches	20	24	24	30	36
Without Handles		each	\$8.00	\$ 9.00	\$10.00	12.00	15.00
With Handles .		eacn	9.00	10.00	11.00	12.00	10.00





Figure 12
Showing coupling complete
with hose in one end.

Figure 13 Sectional view of same, showing expanded ring.

Expanded Ring Coupling

HIS style of coupling is the one in general use in fire departments all over the country. The use of the expanded ring enables us to obviate any possibility of couplings blowing off, at the same time making a clear, smooth waterway from end to end. It is without doubt the best kind of coupling in the market.

Made in large sizes for suction hose with long handles.

Prices

11/2 inch, including	ex	pansio	n ri	ngs			each,	\$2.00
2 inch, including							each,	2.50
2½ inch, including							each,	3.00
Expansion rings						per	dozen,	2.00
Hose cappers						per	dozen,	1.00

Water Hose Couplings



Price List

Size		. inches	1/2	3/4	1	11/4	1½
Hose pipe thread Iron pipe thread		per dozen per dozen		\$2.40 2.65	\$4.40 4.65	\$10.00 10.50	\$14.00 15.00
Size		. inches	2	2½	3	3½	4
Hose pipe thread Iron pipe thread		per dozen per dozen	24.00 26.00	48.00 50.00	75.00 76.00	120.00	150.00
Size		. inches	5	6	8		
Iron pipe thread	***	per dozen	250.00	350.00	504.00		

Note.—Couplings with Hose Pipe Thread will always be sent if not otherwise ordered. $3\frac{1}{2}$ to 8 inch, inclusive, are made with Iron Pipe Thread unless otherwise ordered.



Steam Hose Couplings

Made with Lugs or Nut

Price List

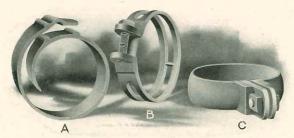
Size			inches	1/2	3/4	1	11/4	1½	2	2½
Hose	pipe tl	hread	l, per doz	\$15.00	\$15.00	\$18.00	\$24.00	\$30.00	\$42.00	\$72.00

Suction Hose Couplings

Size .		700		3	31/2	4	412	5	5½
Each .		•		\$ 7.50	\$ 9.50	\$12.50	\$16.00	\$ 20.00	\$ 24.00
Size .			113	6	6½	7	8	9	10
Each .	3.			28.00	40.00	54.00	80.00	100.00	\$120.00

Iron Pipe Nipples in all sizes

GUTTA PERCHA AND THE



Clamps for Water Hose

Price List

Size		٠.			. inches	1/2	3/4	1	11/4	1½
Price	ē	*		*	per dozen	\$1.50	\$1.50	\$2.00	\$2.50	\$3.00
Size	84				. inches	2	2½	3	31/2	4
Price	÷		*		per dozen	4.00	7.00	10.00	24.00	30.00

Made to fit the different ply Hose. In ordering give the ply hose the clamps are required for.

We carry full line of large sizes in each variety.

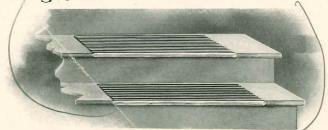
Clamps for Steam Hose

Extra large sizes made in halves.

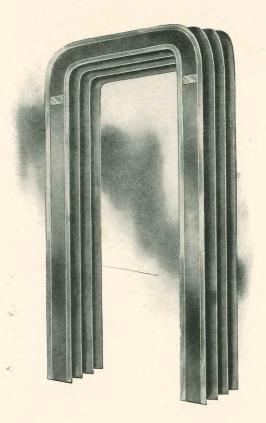
Price List

Size		,	. inches	1/2	3/4	1	11/4	1½ -
Price			per dozen	\$2.00	\$2.00	\$2.50	\$3.00	\$3.50

Nosings for Stairs - All styles.



Zinc Brass per foot, 12 cents per foot, 22 cents



Vestibule Hoods

For Railroad Cars

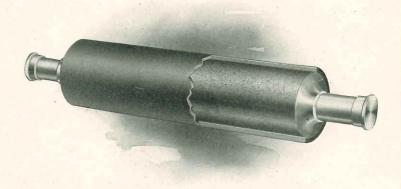
Prices Upon Application



Flexible Rubber Pail Flexible Rubber Bucket
Capacity, 8 Quarts

Flexible rubber pails .				per dozen, \$54.00
Flexible rubber buckets,	 - 123	74	1.	. per dozen, 36.00
Acid pails,	•	3 /1	3.5	Prices on application

In ordering acid pails state kind of acid they will come in contact with.



Rubber Covered Rolls

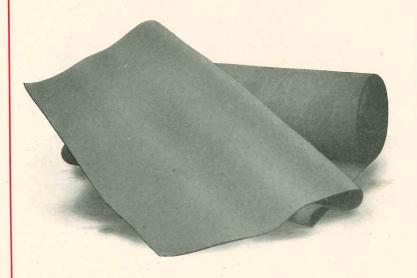
E manufacture rubber covered rolls of all descriptions, and have had a large experience in covering rolls for paper mill machinery. Write for prices and state the use rolls are to have so we can give best results.

We Guarantee our rolls will not blister nor become soft in spots.

That the rubber will not separate from the iron.

That it will have proper density as well as an absolutely true surface.

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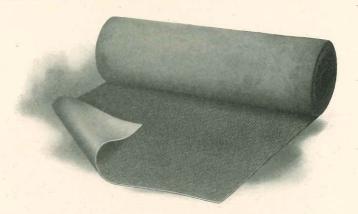


Printers' and Lithographers' Blankets

For printing and lithograph presses, also delaine, satinet, calico and wall paper printers.

Width Inches	2-Ply No. 16 1-16 thick Per Yard	3-Ply No. 14 1-12 thick Per Yard	4 and 5-Ply No. 11 1-8 thick Per Yard	Width Inches	2-Ply No. 16 1-16 thick Per Yard	3-Ply No. 14 1-12 thick Per Yard	4 and 5-Ply No. 11 1-8 thick Per Yard
26 30 32 34 36 38 40 42 44	\$ 5.00 5.50 5.75 6.25 6.50 7.25 7.50 8.00 8.50	\$ 6.25 6.75 7.00 7.50 7.75 8.50 8.75 9.50 10.00	\$ 7.25 8.25 8.75 9.75 10.25 11.25 11.75 12.50 13.50	46 48 50 52 54 56 58 60	\$ 9.50 10.50 12.00 14.00 16.00 18.00 20.00 22.00	\$11.00 12.00 14.00 16.00 18.00 20.00 22.00 24.00	\$14.50 16.00 18.00 20.00 22.00 24.00 26.00 28.00

Full rolls contain 18 to 20 yards and are carried in stock. Special lengths cut or made to order.

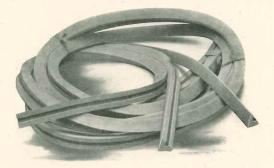


Rubber Soling

For rubber and leather boots and shoes.

Made in rolls 1 yard wide, and either plate finish, as in above cut, or ordinary rough finish. The usual thickness is $\frac{1}{8}$ of an inch; and in this thickness it weighs about 10 pounds to the square yard. Other thicknesses weigh proportionately per square yard.

Price per pound, \$0.50



Billiard Cushions

Have moulds for a great variety of shapes.

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